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P1550

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Signature: Shirley Fajardo

PATENT
Docket No. P1550

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): GORDON A. DRESSLER
SERIAL NO.: 10/698,847 EXAMINER: UNKNOWN
FILED: OCTOBER 30, 2003 ART UNIT: 3644
FOR: SYSTEM AND METHOD FOR AN AMBIENT ATMOSPHERE
ION THRUSTER

COMMISSIONER FOR PATENTS
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TRANSMITTAL LETTER

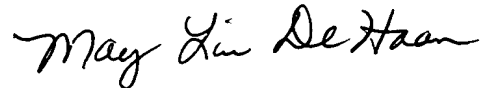
Dear Sir:

In connection with the above-referenced patent application, transmitted herewith are the following:

1. Information Disclosure Statement (1 page);
2. Information Disclosure Statement by Applicant Form PTO-1449 (1 page);
3. Copy of Reference No. 1 (10 pages);
4. Copy of Reference No. 2 (17 pages);
5. Copy of Reference No. 3 (12 pages);
6. Copy of Reference No. 4 (3 pages); and
7. Post card in acknowledgment of receipt of all transmitted material.

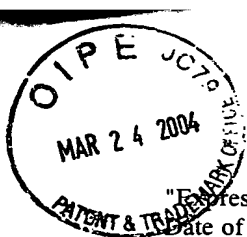
Please date stamp and return the enclosed post card to the undersigned in acknowledgment of receipt of all transmitted materials.

Respectfully submitted,



May Lin DeHaan
Reg. No. 42,472

MLD/pa
Date: March 24, 2004
LARIVIERE, GRUBMAN & PAYNE, LLP
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INFORMATION DISCLOSURE STATEMENT

Applicant hereby makes available the references listed on the enclosed form PTO-1449, Information Disclosure Statement by Applicant to assist the Patent and Trademark Office in its examination of this application.

The disclosure of the references does not constitute an admission that they are relevant or material to the claims or are "prior art" to the subject application. No representation is made that better references do not exist.

Complete copies of the references are enclosed.

Respectfully submitted,

May Lin DeHaan

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<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE MAR 24 2004 </div>		Substitute for FORM PTO-1449		Application Number		10/698,847
		U.S. Department of Commerce Patent and Trademark Office		Filing Date		October 30, 2003
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		First Named Inventor		Gordon A. Dressler
		Sheet 1 of 1		Attorney Docket No.		P1550

U.S. PATENT DOCUMENTS					
Examiner Initial	Cite No.	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Office Number Code	Name of Patentee or Applicant of Cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appears

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	1	T.J. McGuire and R.J. Sedwick, "Aero-Assisted Orbital Transfer Vehicles Utilizing Atmosphere Ingestion", AIAA 2001-0840, 39 th AIAA Aerospace Sciences Meeting and Exhibit, 8-11 January 2001.
	2	T. Cummings, et. al., "Microwave Power-Beaming Demonstration with 6-kV Rectenna and Ion-Breeze Thruster", AIAA 2003-4431, 39 th AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, 21-23 July 2003.
	3	G. Primeau, "Magnetoaerodynamic (MAD) Propulsion for Exploration of Atmosphere-Bearing Planetary Bodies", AIAA 98-3408, 34 th AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, 13-15 July 1998.
	4	Marshall H. Kaplan, "Modern Spacecraft Dynamics & Control", page 262, ISBN 0-471-45703-5, John Wiley & Sons, Inc. (1976).

Examiner Signature:	Date Considered:
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.